

Datasheet for ABIN7564518
CWC22 Protein (AA 1-908) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CWC22
Protein Characteristics:	AA 1-908
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CWC22 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cwc22 Protein expressed in mammalian cells.
Sequence:	<p>MKSSVAHMKSGHNRRETHSYRRSSSPEDRYTEQERSPRDRGYSDYSRSDYERSRRGYS</p> <p>YDDSMESRSRDREKRERERDADHRKRSRKSPSPDRSPARGGQSSPQEEPTWKKKKDEL</p> <p>DPLLTRTGGA YIPPAKLMM QEITDKSSLAYQRMSWEALKKSINGLINKVNISNISII</p> <p>QELLQENIVRGRLLSRSVLQAQSASPIFTHVYAALVAI NSKFPQIGELILKRLILNFR</p> <p>KGYRRNDKQLCLTASKFVAHLINQNVAVEVLCLEMLTLLL ERPTDDSVLEV AIGFLKECGL</p> <p>KLTQVSPRGINAIFERLRNI LHESEIDKRVQYMIEVMFAVRKDGFKDHPVILEGLDLVEE</p> <p>DDQFTHMLPLEDDYNPEDVLNVFKMDPNFMEEEKYKAIKKEILDEGDSDSNTDQGAGSS</p> <p>EDEEEDEEEE EGEDEEGGQKVTIHDKTEINLVSFRTIYLAIQSSLD FEECAHKLLKMEF</p> <p>AESQTKELCNMILDCCAQRTYEKFFGLLAGRFCMLKKEYMESFESIFKEQYDTIHRLET</p> <p>NKLRNVAKMFAHLLYTDSLPSVLECIKLS EETTTSSSRIFVKIFFQELCEYMGLPKLNA</p> <p>RLKDETLQPFEGLLPRDNP RNTRFAINFFTSIGLGGLTD ELREHLKNTPKVIVAQKPEA</p> <p>EQKKPALTSSSESSSASDS DSESDDSSSESSESSSDASDSSSSSSTQSS TSGITAHSAK</p>

Product Details

GTRKKRQGKA RGEEVDKLAR GHQALERRRE GGREDQRHQE GRTERARSER RRAQNSRDAD
WRDPLAKHID DRSHENSHSR VGNGREQGSH REPEDRHGEP KKRERRRDSF SENEKQSRN
QSDSNVRRKD RSKSRERSRR HSGHKGDDAR CQNSAERRWE KPGRRPEQSR ESKRSQDRRR
EKSPTTQK **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CWC22

Alternative Name: Cwc22 ([CWC22 Products](#))

Background: Pre-mRNA-splicing factor CWC22 homolog (Nucampholin homolog),FUNCTION: Required for pre-mRNA splicing as component of the spliceosome. As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (By similarity). Promotes exon-junction complex (EJC) assembly. Hinders EIF4A3 from non-specifically binding RNA and escorts it to the splicing machinery to promote EJC assembly on mature mRNAs.

Target Details

	Through its role in EJC assembly, required for nonsense-mediated mRNA decay. {ECO:0000250 UniProtKB:Q9HCG8}.
Molecular Weight:	104.8 kDa
UniProt:	Q8C5N3

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months